

Name: \_\_\_\_\_

Per: \_\_\_\_\_

## Atomic Structure WS 5

Directions: Fill in the table for each element. Record the atomic number, atomic mass, the number of protons, neutrons, and electrons, and write the electron configuration for each. Then draw both the Bohr Model and the Lewis Structure for each.

1.  $\text{H}_1^1$ 

Atomic Number = _____	Bohr Model	Lewis Structure
Atomic Mass = _____		
Protons = _____		
Neutrons = _____		
Electrons = _____		
Electron Configuration = _____		

2.  $\text{B}_5^{11}$ 

Atomic Number = _____	Bohr Model	Lewis Structure
Atomic Mass = _____		
Protons = _____		
Neutrons = _____		
Electrons = _____		
Electron Configuration = _____		

3.  $\text{He}_2^4$ 

Atomic Number = _____	Bohr Model	Lewis Structure
Atomic Mass = _____		
Protons = _____		
Neutrons = _____		
Electrons = _____		
Electron Configuration = _____		

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Per: \_\_\_\_\_

4.  $\text{Na}_{11}^{23}$ 

Atomic Number = _____	Bohr Model	Lewis Structure
Atomic Mass = _____		
Protons = _____		
Neutrons = _____		
Electrons = _____		
Electron Configuration = _____		

5.  $\text{Li}_3^7$ 

Atomic Number = _____	Bohr Model	Lewis Structure
Atomic Mass = _____		
Protons = _____		
Neutrons = _____		
Electrons = _____		
Electron Configuration = _____		

6.  $\text{N}_7^{14}$ 

Atomic Number = _____	Bohr Model	Lewis Structure
Atomic Mass = _____		
Protons = _____		
Neutrons = _____		
Electrons = _____		
Electron Configuration = _____		